

Message

From: Abreu, Lilian (she/her/hers) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E3C6E41B592441889F4E717681ACE3FB-ABREU, LILI]
Sent: 1/23/2023 4:37:37 PM
To: Holbrook, Holly [Holly.Holbrook@aecom.com]
CC: Nandi, Joshua [US] (ES) [Joshua.Nandi@ngc.com]; Woo, Cynthia [cynthia.woo@aptim.com]; Rodarte, Vonnie [Vonnierodarte@aecom.com]; Brandon, April [April.Brandon@aecom.com]
Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale
Attachments: EXAMPLE ONLY - SUMMARY TABLE.pdf

Importance: High

Holly

Thank you for working on scheduling the field sampling for tentatively February or early March, please continue this coordination while we work on the editorial changes of the work plan.

In addition to the edits we discussed last call, please make the following edits:

1. Include contact information of the technical lead and the quality assurance manager who will be responding for this work plan. Have them approve/sign this addendum.
2. Table 2 is missing the reporting limits for 1L SUMMA and for Radiellos. Please note that it is likely the laboratory will not be able to report vinyl chloride using radiellos, just include in the foot note or in the text that this will be addressed by the indoor air and sub-slab soil gas that will be sampled with SUMMA and used to evaluate any detection of vinyl chloride.
3. Include one "duplicate" (collocated) sample for indoor air radiello long-term
4. Remove from this addendum, all the old documents (2013, 2015) that were attached to it – it is ok to reference them as applicable. Please note that many information on those old documents are no longer current and that creates confusion, for example the names of the laboratories, the screening levels, attenuation factors.
5. Include a summary table for the methods quality objectives and an summary table for the samples to be collected. See attached EXAMPLES ONLY of the kind of tables I am requesting. Those examples must be updated to the applicable field work and laboratory.
6. Include in the main text a short sentence indicating there are QA/QC steps for the pressure differential equipment, it is calibrated and reference the SOP as applicable.

Please submit the revised text no later than 2/2/2023.

I am available today to discuss and clarify the requested edits above.

Lilian Abreu, PhD
Environmental Engineer - Remedial Project Manager
California Site Cleanup Section I
U.S. EPA, Region 9 Superfund and Emergency Management Division
75 Hawthorne Street, San Francisco, CA 94105
Office: 415.972-3010 | abreu.lilian@epa.gov



From: Abreu, Lilian (she/her/hers)
Sent: Friday, January 20, 2023 10:55 AM
To: Holbrook, Holly <Holly.Holbrook@aecom.com>

Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>

Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Thank you,

Lilian

From: Holbrook, Holly <Holly.Holbrook@aecom.com>

Sent: Friday, January 20, 2023 10:50 AM

To: Abreu, Lilian (she/her/hers) <abreu.lilian@epa.gov>

Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>

Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Hi Lilian,

Per our phone conversation, we will incorporate the text below. Regarding scheduling, we have reached out to Apple and will let you know our tentative schedule after we are able to coordinate access to the facility. We will make sure that we schedule the site visit for before February 10th or after March 6th to accommodate your schedule.

Thank you,

Holly Holbrook

she, her, hers

Project Engineer, Environment

AECOM

D: 714.689.7215 M: 562.577.6058

From: Abreu, Lilian (she/her/hers) <abreu.lilian@epa.gov>

Sent: Friday, January 20, 2023 10:29 AM

To: Holbrook, Holly <Holly.Holbrook@aecom.com>

Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>

Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Holly:

Thanks for the call yesterday to discuss the edits needed in the WP.

Please also include one additional edit in Section 3 that mentions continuous differential pressure monitoring. Please add text indicating the datalogger will be set to record data every 5 minutes and the name/model of the equipment that will be used.

As we discuss the edits are minor, so I expect a quick turn around and submittal of the revised text before end of next week.

Please let's have a quick call to discuss coordination with EPA schedule to perform oversight.

Thank you,

Lilian Abreu, PhD

Environmental Engineer - Remedial Project Manager

California Site Cleanup Section I

U.S. EPA, Region 9 Superfund and Emergency Management Division

75 Hawthorne Street, San Francisco, CA 94105

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From: Abreu, Lilian (she/her/hers)
Sent: Wednesday, January 18, 2023 5:28 PM
To: Holbrook, Holly <Holly.Holbrook@aecom.com>
Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>
Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale
Importance: High

Holly,

Please proceed with scheduling and performing the sampling activities as soon as possible, following the SAP you submitted. Please coordinate dates with EPA for oversight. I plan to ask Mathew Plate to do the oversight, if his schedule allows, as he has done that in the past.

I will ask you to do a few editorial corrections to the SAP but this editorial revision do not interfere and shall not delay the field activities.

Let me know If you are available for a quick call (30 min the most) tomorrow (1/19) after 2:30 PM, or Friday (1/20) between 10 AM – 2PM, and I can walk you through the editorial corrections to issue a final approval letter.

Thank you,

Lilian Abreu, PhD
Environmental Engineer - Remedial Project Manager
California Site Cleanup Section I
U.S. EPA, Region 9 Superfund and Emergency Management Division
75 Hawthorne Street, San Francisco, CA 94105
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From: Holbrook, Holly <Holly.Holbrook@aecom.com>
Sent: Tuesday, January 10, 2023 10:20 AM
To: Abreu, Lilian (she/her/hers) <abreu.lilian@epa.gov>
Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>
Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Lilian,

Attached is the revised work plan that incorporates USEPA's requested edits. Please let us know if you have any questions or would like to discuss.

Thank you,

Holly Holbrook

she, her, hers

Project Engineer, Environment

AECOM

D: 714.689.7215 M: 562.577.6058

From: Abreu, Lilian (she/her/hers) <abreu.lilian@epa.gov>

Sent: Monday, January 9, 2023 8:43 AM

To: Holbrook, Holly <Holly.Holbrook@aecom.com>

Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>

Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Importance: High

Good morning Joshua and Holly,

Please reply to this email with an update of the VI Work Plan. It was due last 1/4/2023 and I haven't received it yet.

Thank you,

Lilian Abreu, PhD

Environmental Engineer - Remedial Project Manager

California Site Cleanup Section I

U.S. EPA, Region 9 Superfund and Emergency Management Division

75 Hawthorne Street, San Francisco, CA 94105

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From: Abreu, Lilian (she/her/hers)

Sent: Tuesday, December 6, 2022 2:08 PM

To: Holbrook, Holly <Holly.Holbrook@aecom.com>

Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>; Woo, Cynthia <cynthia.woo@aptim.com>

Subject: RE: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Holly,

Thank you for submitting the Northrop Grumman Systems Corporation (Northrop Grumman) Vapor Intrusion Work Plan Addendum #3. EPA requests the Addendum be revised to improve its readability and to address the technical comments presented in the letter attached.

Let me know if you have any questions.

Sincerely,

Lilian Abreu, PhD

Environmental Engineer - Remedial Project Manager

California Site Cleanup Section I

U.S. EPA, Region 9 Superfund and Emergency Management Division

75 Hawthorne Street, San Francisco, CA 94105

Office: 415.972-3010 | abreu.lilian@epa.gov



From: Holbrook, Holly <Holly.Holbrook@aecom.com>

Sent: Friday, October 21, 2022 10:34 AM

To: Abreu, Lilian <abreu.lilian@epa.gov>

Cc: Nandi, Joshua [US] (ES) <Joshua.Nandi@ngc.com>

Subject: VI Work Plan Addendum #3, Former TRW Microwave Site, Sunnyvale

Lilian,

Here is the referenced document for your review. Please let us know if you have any comments or would like to discuss.

Thank you,

Holly Holbrook

she, her, hers

Project Engineer, Environment

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